

**CMS Simulation  $\sqrt{s}=14$  TeV**

**L = 0.0 Hz/cm<sup>2</sup> (0 PU)**

Efficiency

1

0.8

0.6

0.4

0.2

0

pT (GeV)

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45

50

0.8

0.6

0.4

0.2

0

0

5

10

15

20

25

30

35

40

45